

<b>A. CLASSIFICATION OF SUBJECT MATTER</b>		
IPK 7 D01D5/088 D01D5/092 D01F6/62		
According to International Patent Classification (IPC) or to both National Classification and IPC		
<b>B. FIELDS SEARCHED</b>		
Minimum Documentation Searched (classification system followed by classification symbols) IPK 7 D01D D01F		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) EPO-INTERNAL, PAJ, WPI DATA		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category <sup>a</sup>	Citation of Document, with indication, where appropriate, of the relevant passages	Relevant to Claim No.
A	EP 0 826 802 A (BARMAG BARMER MASCHF) 4 March 1998 (1998-03-04) The entire document	1-12
A	EP 0 334 604 A (MITSUI PETROCHEMICAL IND) 27 September 1989 (1989-09-27) The entire document	1-12
A	PATENT ABSTRACTS OF JAPAN Bd. 1999, Nr. 08, 30 June 1999 (1999-06-30) & JP 11 061550 A (UNITIKA LTD), 5 March 1999 (1999-03-05) Abstract	1-12
A	PATENT ABSTRACTS OF JAPAN Bd. 017, Nr. 632 (C-1132), 24 November 1993 (1993-11-24) & JP 05 195309 A (TEIJIN LTD), 3 August 1993 (1993-08-03) Abstract	1-12
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.		
<sup>a</sup> Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed		"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention. "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family
Date of the Actual Completion of the International Search 17 October 2003		Date of Mailing of the International Search Report 28 October 2003
Name and mailing address of ISA/ Europäisches Patentamt, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Facsimile No. (+31-70) 340-3016		Authorized officer Tarrida Torrell, J.  Telephone No.

**INTERNATIONAL SEARCH REPORT**  
Information Relative to Members of Patent Families

International Application No.  
PCT/EP03/06786

Patent Document Cited in Search Report	Publication Date	Member(s) of Patent Family	Publication Date
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